



**ENERGY
INNOVATION
CHALLENGE**



2016



BSUN Energy Innovation Challenge - Promoting Entrepreneurship in Energy Engineering Education



3rd UNI-SET Energy Clustering Event (ECE)

Universities in the Energy Transition: Focus on Smart Energy Systems and Communities

Bucharest, Romania | 21-23 November 2016

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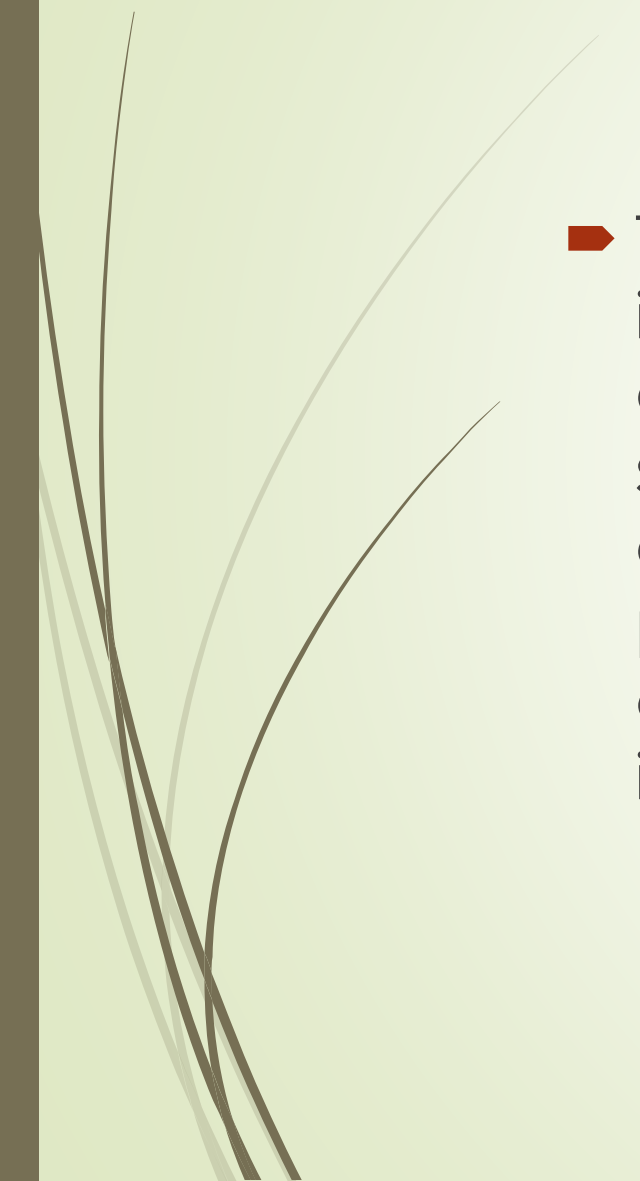


The event

- On the occasion of the Global Entrepreneurship Week, the Black Sea Universities Network had organized, in collaboration with different BSUN member universities, several dedicated events.
- In this context, the event that was organized in Constanta, Romania was dedicated to put in forefront the problem of developing the entrepreneurial dimension of the students, to emphasize the need for development of skills and the abilities in this field.
- The topic of the event was dedicated to the field of sustainable energy, the promotion of value chains based on decarbonized technologies, the use of advanced materials for increasing the efficiency for the systems of conversion and conservation of energy, the promotion of IT technologies and the use of smart grid through eco-innovative solutions.



Aim

- The event aimed to enhance the entrepreneurial and innovative potential of the young generation based on education and scientific research in the field of sustainable energy production and use. The attendance of such a competition has the benefit for the young potential entrepreneurs to get acquainted on future challenges and activities in order to facilitate the initiation of successful start-ups.
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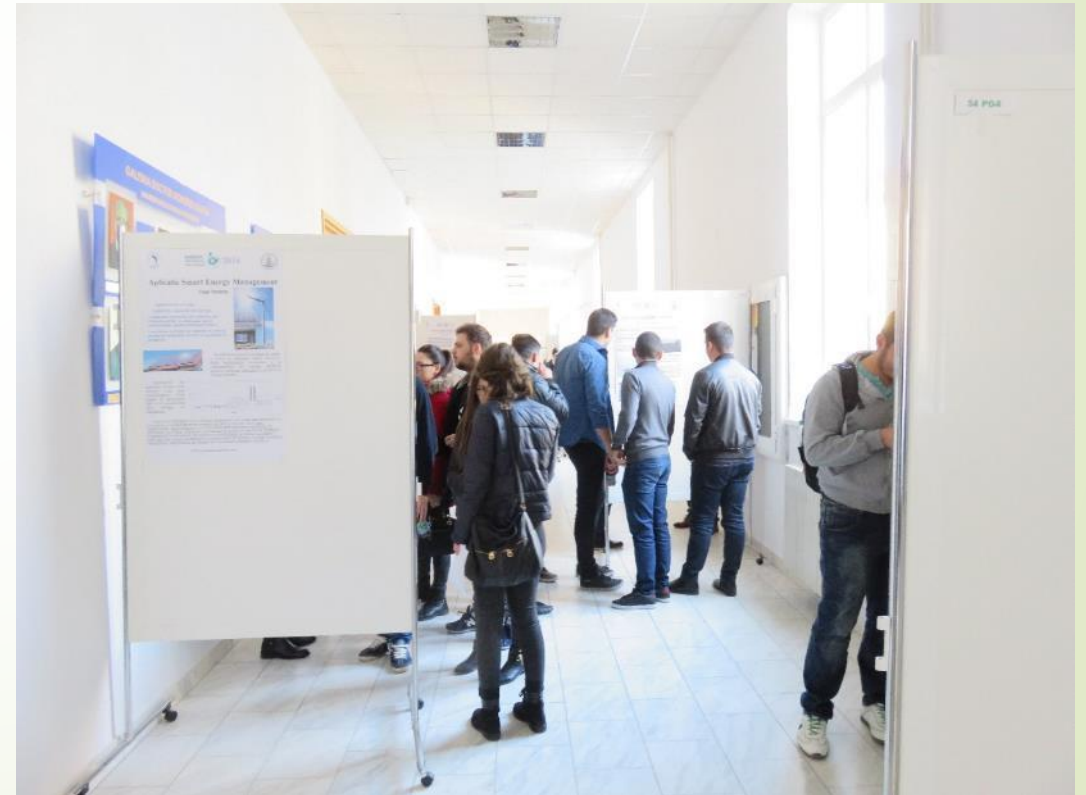
Concept

- The event consisted on the following components: a plenary session which introduced the current status of entrepreneurship in the energy sector, a session of posters with innovative business proposals and ideas of start-ups in promoting the solutions for power supply and use, a contest of business ideas in the front of a panel of evaluators and a Workshop on „Ecoinnovation in energy system using nanostructured materials”.

Opening ceremony



Poster presentations



Poster presentations



The Evaluation Panel



- Iuliean HORNET– EcoHornet Ltd.
- Alexandru MIRONOV – “Știința și Tehnică” Magazine
- Nicolae DIMACA – Expocar Trade Ltd.
- Constantin CIOLOFAN – INAS Craiova
- Adriana MIRCEA – GE Romania

The presentations



The presentations



The presentations



The presentations



The deliberation





The award

- 1st place: Cristian MOCANU ("Ovidius" University of Constanta) – Ultracapacitors for electric energy storage
- 2nd place: Alin CIURSA ("Ovidius" University of Constanta) – Ventilation with heat recovery by the use of heat pipes
- 3rd place: Madalina VERDES ("Ovidius" University of Constanta) - Microbial fuel cell for sewage water treatment
- Special prize: Diana POPESCU, Anca MITA (Ovidiu Highschool) – Blue Wave, a company for the commercialization of energy obtain from the marine currents of the Black Sea

The selected projects will be supported for developing demo cases and special consultancy for being implemented as start-ups

The event is going to be organized every year as a traditional event in November.

The award ceremony



The award ceremony





Thank you!

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